



SOUTH DAKOTA CROP & LIVESTOCK REPORTER

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ANNUAL CROP SUMMARY

SOUTH DAKOTA: Drought conditions had the most impact on hay production in 2002. All South Dakota crop yields were reduced from a year earlier because of the dry conditions.

All hay production was 4.8 million tons, down 48 percent from 2001. Yield was 1.2 tons per acre. Acres harvested were down 700,000 from 2001, to 4.0 million.

Alfalfa production, at 3.36 million tons, was down 49 percent and represented 70 percent of the total. It had a yield of 1.4 tons per acre. Harvested acres were down 600,000 from last year, to 2.4 million. **All other hay** production, at 1.44 million tons, was down 44 percent, and had a yield of 0.90 tons per acre with 1.6 million acres harvested, a decrease of 100,000 from last year. Harvested Conservation Reserve Program (CRP) acres released by the USDA for haying helped offset the drought induced reduction in actual harvested hay acres. **New seedings of alfalfa** in 2002 totaled 250,000 acres in South Dakota, down 29 percent from 2001. Newly seeded acres are normally harvested for dry hay for the first time the following year.

Soybean production, at 126.79 million bushels, was 11 percent below last year's record production. The yield was 31 bushels per acre, down 1 bushel from last year. Harvested acres, at 4.09 million, were down 9 percent from 2001. Planted acres, at 4.25 million, were down 6 percent from the record 4.5 million acres planted in 2001.

Corn for grain production, at 304 million bushels, was down 18 percent from 2001. Yield, at 95 bushels per acre, was down 14 bushels from last year. Producers harvested 3.2 million acres for grain, down 6 percent from 2001. Planted acres, at 4.4 million, were up 16 percent from 2001.

Sorghum for grain production, at 3.06 million bushels, was down 65 percent from 2001. Yield, at 34 bushels per acre, was 25 bushels below last year. Harvested acres, at 90,000, were down 40 percent from 2001. Planted acres, at 220,000, were down 8 percent from last year.

All sunflower production, at 373.75 million pounds, was 62 percent below last year. Yield, at 869 pounds per acre, was down 543 pounds from last year. Planted and harvested acres totaled 640,000 and 430,000, respectively.

Oil sunflower production, at 318.75 million pounds, represented 85 percent of the total. It had a yield of 850 pounds per acre with 375,000 acres harvested. Non-oil sunflowers had a yield of 1,000 pounds per acre with 55,000 acres harvested.

Proso millet grain production was 960,000 bushels, down 83 percent from 2001. Yield of 16 bushels per acre was 17 bushels below a year earlier. Harvested acres, at 60,000, were down 66 percent. Acres planted, at 100,000, were down 55 percent from 2001.

UNITED STATES: **Corn** for grain production is estimated at 9.01 billion bushels, down 5 percent from the 9.51 billion bushels produced in 2001. The average U.S. grain yield is estimated at 130.0 bushels per acre, 8.2 bushels below 2001.

Soybean production in 2002 totaled 2.73 billion bushels, 6 percent below 2001. The average yield per acre in 2002 is estimated at 37.8 bushels per acre, 1.8 bushels below the 2001 yield.

Sunflower production in 2002, at 2.50 billion pounds, is 27 percent below the 2001 production. The estimated yield per acre, at 1,133 pounds, decreased 205 pounds from the previous year. Planted area, at 2.59 million acres, is down 2 percent from last year. Harvested acres, at 2.21 million, declined 14 percent from last year.

Alfalfa production in 2002 totaled 73.8 million tons, 8 percent below 2001. This is the lowest production since 1968. Harvested area, at 23.1 million acres, is down 3 percent from the previous year. Yields averaged 3.19 tons per acre, down 0.18 ton from the 2001 yield.

Other hay production in 2002 totaled 77.1 million tons, up 1 percent from the 2001 total. Area for harvest, at 41.4 million acres, is 4 percent above last year. The average yield is estimated at 1.86 tons per acre compared to 1.93 tons per acre last year.

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CROP ACREAGES

Crop	Area Planted			Area Harvested			
	2000	2001	2002	2000	2001	2002	2002 as % of 2001
	- - - - - 1,000 Acres - - - - -						Percent
SOUTH DAKOTA							
Wheat, All	3,020	3,025	3,030	2,878	2,044	1,630	80
Winter 1/	1,350	1,300	1,300	1,280	370	625	169
Durum	20	25	30	18	24	5	21
Other Spring	1,650	1,700	1,700	1,580	1,650	1,000	61
Corn, All	4,300	3,800	4,400	--	--	--	--
Grain	--	--	--	3,800	3,400	3,200	94
Silage	--	--	--	450	370	920	249
Sorghum, All	180	240	220	--	--	--	--
Grain	--	--	--	120	150	90	60
Silage	--	--	--	20	50	40	80
Oats	350	350	450	220	130	100	77
Barley	115	90	80	105	78	45	58
Rye 1/	14	10	15	13	10	10	100
Flaxseed	20	17	12	19	17	4	24
Potatoes (Fall)	3.5	2.8	1.1	2.8	2.7	1.1	41
Soybeans	4,400	4,500	4,250	4,370	4,470	4,090	91
Hay, All	--	--	--	4,050	4,700	4,000	85
Alfalfa	--	--	--	2,650	3,000	2,400	80
All Other	--	--	--	1,400	1,700	1,600	94
Sunflower, All	720	715	640	699	705	430	61
Oil	680	670	535	660	661	375	57
Non-oil	40	45	105	39	44	55	125
Proso Millet	100	220	100	85	175	60	34
Dry Edible Beans	11.0	18.0	21.0	10.8	17.0	16.0	94
UNITED STATES							
Wheat, All	62,629	59,597	60,358	53,133	48,633	45,817	94
Winter 1/	43,393	41,078	41,735	35,072	31,295	29,651	95
Durum	3,937	2,910	2,909	3,572	2,789	2,703	97
Other Spring	15,299	15,609	15,714	14,489	14,549	13,463	93
Corn, All	79,551	75,752	79,054	--	--	--	--
Grain	--	--	--	72,440	68,808	69,313	101
Silage	--	--	--	6,082	6,148	7,490	122
Sorghum, All	9,195	10,252	9,580	--	--	--	--
Grain	--	--	--	7,726	8,584	7,299	85
Silage	--	--	--	262	336	352	105
Oats	4,477	4,403	5,005	2,329	1,905	2,098	110
Barley	5,864	4,967	5,073	5,213	4,289	4,135	96
Rye 1/	1,329	1,328	1,395	296	255	286	112
Flaxseed	536	585	785	517	578	704	122
Potatoes (Fall)	1,383.7	1,247.7	1,310.8	1,348.0	1,222.2	1,276.5	104
Soybeans	74,266	74,075	73,758	72,408	72,975	72,160	99
Hay, All	--	--	--	59,854	63,521	64,497	102
Alfalfa	--	--	--	23,077	23,822	23,135	97
All Other	--	--	--	36,777	39,699	41,362	104
Sunflower, All	2,840	2,633	2,585	2,647	2,555	2,205	86
Oil	2,248	2,117	2,125	2,116	2,060	1,837	89
Non-oil	592	516	460	531	495	368	74
Proso Millet	440	650	450	370	585	220	38
Dry Edible Beans	1,758.2	1,435.9	1,922.1	1,607.5	1,248.5	1,726.9	138
Canola	1,555	1,494	1,459	1,498	1,455	1,275	88
Mustard Seed	46.3	45.8	191.0	43.2	44.2	175.0	396
Rapeseed	4.0	3.7	3.4	3.9	3.1	3.1	100
Safflower	215.0	188.0	219.0	197.0	177.0	196.0	111

1/ Acres seeded preceding fall. 2/ Production is in 1,000 cwt.

WINTER WHEAT SEEDINGS

SOUTH DAKOTA: Winter wheat seedings for the 2003 crop totaled 1.5 million acres, up 15 percent from the previous year's crop. This level of seedings is the highest since 1998, when 1.5 million acres were also seeded. In the last ten years, South Dakota averaged 1.515 million seeded acres of winter wheat, with the largest acreage being 2.0 million for 1996.

UNITED STATES: Winter wheat planted area for harvest in 2003 is estimated at 44.2 million acres. This is up 6 percent from 2002 and is the largest acreage since 1998. Hard Red Winter (HRW) wheat seeded area is about 32.1 million acres, up 8 percent from 2002. Significant acreage increases are reported in all major HRW states. Two major factors, high prices at the time of seeding and last year's drought, contributed to the larger acreage.

CROP PRODUCTION

Crop	Unit	Yield per Acre			Production			
		2000	2001	2002	2000	2001	2002	2002 as % of 2001
		----- 1,000 -----			----- Percent -----			
SOUTH DAKOTA								
Wheat, All	Bu.	39.7	37.6	25.9	114,268	76,766	42,235	55
Winter	Bu.	42.0	32.0	29.0	53,760	11,840	18,125	153
Durum	Bu.	26.0	24.0	22.0	468	576	110	19
Other Spring	Bu.	38.0	39.0	24.0	60,040	64,350	24,000	37
Corn								
Grain	Bu.	112.0	109.0	95.0	425,600	370,600	304,000	82
Silage	Tons	11.5	10.5	6.0	5,175	3,885	5,520	142
Sorghum, All								
Grain	Bu.	49.0	59.0	34.0	5,880	8,850	3,060	35
Silage	Tons	9.0	9.5	5.5	180	475	220	46
Oats	Bu.	61.0	60.0	45.0	13,420	7,800	4,500	58
Barley	Bu.	55.0	52.0	41.0	5,775	4,056	1,845	45
Rye	Bu.	42.0	35.0	27.0	546	350	270	77
Flaxseed	Bu.	19.0	19.0	11.0	361	323	44	14
Potatoes (Fall)	Cwt.	290	240	300	812	648	330	51
Soybeans	Bu.	35.0	32.0	31.0	152,950	143,040	126,790	89
Hay, All	Tons	1.83	1.95	1.20	7,393	9,150	4,800	52
Alfalfa	Tons	2.05	2.20	1.40	5,433	6,600	3,360	51
All Other	Tons	1.40	1.50	0.90	1,960	2,550	1,440	56
Sunflower, All	Lbs.	1,519	1,412	869	1,061,700	995,810	373,750	38
Oil	Lbs.	1,520	1,410	850	1,003,200	932,010	318,750	34
Non-oil	Lbs.	1,500	1,450	1,000	58,500	63,800	55,000	86
Proso Millet	Bu.	24.0	33.0	16.0	2,040	5,775	960	17
Dry Edible Beans 2/	Lbs.	2,090	1,590	1,630	226	270	261	97
UNITED STATES								
Wheat, All	Bu.	42.0	40.2	35.3	2,232,460	1,957,043	1,616,441	83
Winter	Bu.	44.7	43.5	38.5	1,566,023	1,361,479	1,142,802	84
Durum	Bu.	30.7	30.0	29.4	109,805	83,556	79,450	95
Other Spring	Bu.	38.4	35.2	29.3	556,632	512,008	394,189	77
Corn								
Grain	Bu.	136.9	138.2	130.0	9,915,051	9,506,840	9,007,659	95
Silage	Tons	16.8	16.6	14.0	102,156	102,077	104,979	103
Sorghum, All								
Grain	Bu.	60.9	59.9	50.7	470,526	514,524	369,758	72
Silage	Tons	10.6	11.1	9.5	2,773	3,728	3,360	90
Oats	Bu.	64.2	61.4	56.8	149,545	117,024	119,132	102
Barley	Bu.	61.1	58.2	54.9	318,728	249,420	226,873	91
Rye	Bu.	28.3	27.3	24.4	8,386	6,971	6,985	100
Flaxseed	Bu.	20.8	19.8	17.9	10,730	11,455	12,569	110
Potatoes (Fall)	Cwt.	392	367	374	467,504	393,750	417,228	106
Soybeans	Bu.	38.1	39.6	37.8	2,757,810	2,890,682	2,729,709	94
Hay, All	Tons	2.54	2.47	2.34	151,921	156,764	150,962	96
Alfalfa	Tons	3.48	3.37	3.19	80,347	80,327	73,824	92
All Other	Tons	1.95	1.93	1.86	71,574	76,437	77,138	101
Sunflower, All	Lbs.	1,339	1,338	1,133	3,544,428	3,418,759	2,497,236	73
Oil	Lbs.	1,375	1,361	1,128	2,909,844	2,803,704	2,072,410	74
Non-oil	Lbs.	1,195	1,243	1,154	634,584	615,055	424,826	69
Proso Millet	Bu.	19.8	33.2	12.5	7,320	19,405	2,755	14
Dry Edible Beans 2/	Lbs.	1,643	1,569	1,736	26,409	19,583	29,974	153
Canola	Lbs.	1,334	1,374	1,218	1,998,310	1,998,515	1,552,520	78
Mustard Seed	Lbs.	855	930	705	36,930	41,106	123,450	300
Rapeseed	Lbs.	1,474	1,306	1,461	5,750	4,050	4,530	112
Safflower	Lbs.	1,434	1,365	1,520	282,545	241,665	297,980	123

1/ Acres seeded preceding fall. 2/ Production is in 1,000 cwt.

WINTER WHEAT SEEDINGS (Cont.)

WINTER WHEAT SEEDINGS, SELECTED STATES, 2001-2003

State	Area Seeded		
	2001	2002	2003
	----- 1,000 Acres -----		
Kansas	9,800	9,600	10,300
Minnesota	15	35	25
Nebraska	1,750	1,650	1,700
North Dakota	150	80	130
South Dakota	1,300	1,300	1,500
United States	41,078	41,735	44,246

GRAIN STOCKS

SOUTH DAKOTA: December 1, 2002 soybean and corn stocks in South Dakota were down from last year. Wheat, oat, barley, sorghum and hay stocks also declined as of December 1. Total stocks included grain on farms, grain in mills and elevators, grain in government storage bins, and grain stored under the farmer-owned Grain Reserve Program in South Dakota on December 1, 2002. **Soybean** stocks totaled 88.0 million bushels, down 9 percent from last year. On-farm stocks totaled 62.0 million bushels, down 5 percent from last year. Off-farm stocks, at 26.0 million bushels, are down 18 percent from last year. December 1 soybean stocks are at their lowest level since 1998. **Corn** stocks totaled 303.2 million bushels, down slightly from last year's total of 304.7 million bushels. On-farm stocks accounted for 225.0 million bushels, down 6 percent from last year. Off-farm stocks, at 78.2 million bushels, are up 21 percent from last year's total of 64.7 million bushels. **All Wheat** stocks totaled 43.0 million bushels, down 43 percent from last year. On-farm stocks declined 56 percent from last year, to 25.0 million bushels. Off-farm stocks at 18.0 million bushels, are up slightly from last year's 17.8 million bushels. December 1 all wheat stocks are at their lowest level since 1977.

Hay stocks, at 5.8 million tons, are down 30 percent from last year's total of 8.24 million tons. December 1 hay stocks are at their lowest level since 1990. **Grain Storage Capacity** in South Dakota totaled 742 million bushels on December 1, 2002, up 2 percent from last year. Total grain storage capacity comprises 580 million bushels on-farm and 162 million bushels off-farm. Off-farm storage capacity increased 7 percent from last year, while on-farm storage capacity increased slightly less than 1 percent. There were 261 mills and elevators with storage capacity on December 1, 2002, 7 fewer facilities than in 2001.

UNITED STATES: **Corn** stocks in all positions on December 1, 2002, totaled 7.63 billion bushels, down 8 percent from December 1, 2001. Of the total stocks, 4.80 billion bushels are stored on farms. **Soybeans** stored in all positions totaled 2.11 billion bushels, down 7 percent from December 1, 2001. On-farm stocks totaled 1.17 billion bushels. **All wheat** stored in all positions on December 1, 2002, totaled 1.32 billion bushels, down 19 percent from a year ago. On-farm stocks are estimated at 385 million bushels. **Oats** stored in all positions totaled 104 million bushels, 9 percent below the stocks on December 1, 2001.

STOCKS OF GRAIN, SOUTH DAKOTA AND UNITED STATES, DECEMBER 1, 2001 AND 2002

Crop	On-Farm			Off-Farm			All Positions		
	2001	2002	2002 as % of All Positions	2001	2002	2002 as % of All Positions	2001	2002	2002 as % of 2001
	- 1,000 Bushels -		Percent	- 1,000 Bushels -		Percent	- 1,000 Bushels -		Percent
SOUTH DAKOTA									
Corn	240,000	225,000	74	64,670	78,178	26	304,670	303,178	100
Barley	2,800	1,100	--	259	1/	--	3,059	1/	--
Sorghum	1/	1/	--	671	265	--	1/	1/	--
Soybeans	65,000	62,000	70	31,754	25,984	30	96,754	87,984	91
All Wheat	57,000	25,000	58	17,814	18,012	42	74,814	43,012	57
Oats	7,000	4,500	82	1,350	1,005	18	8,350	5,505	66
UNITED STATES									
Corn	5,275,000	4,800,000	63	2,989,715	2,833,427	37	8,264,715	7,633,427	92
Barley	92,400	83,400	49	102,587	86,601	51	194,987	170,001	87
Sorghum	72,400	51,600	22	241,477	178,000	78	313,877	229,600	73
Soybeans	1,240,000	1,170,000	55	1,035,618	944,482	45	2,275,618	2,114,482	93
All Wheat	517,890	384,800	29	1,105,565	936,199	71	1,623,455	1,320,999	81
Oats	58,100	52,300	50	56,117	51,294	50	114,217	103,594	91

1/ Data not published to avoid disclosure of individual operations.

Carter Anderson, State Statistician Stephen W. Noyes, Deputy State Statistician
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